

## PATENT ABSTRACTS OF JAPAN

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## (54) FUEL FOR ILLUMINATION

## (57)Abstract:

PURPOSE: To obtain the title fuel containing an esterified product of an alcohol such as diethylene glycol monoalkyl ether and boric acids and alkyls, etc., capable of producing vivid colored flame, having high boiling point and being less apt to ignite and excellent in safety and reduced in odor.

CONSTITUTION: A dialkylene glycol monoalkyl ether borate prepared by mixing at least one kind of alcohol of diethylene glycol monoalkyl ether, dipropylene glycol monoalkyl ether and dibutylene glycol monoalkyl ether, etc., with boric acid or boric acid anhydride and heating the mixture at 120°C while stirring is blended with one or more kinds of alcohol such as diethylene glycol monoalkyl ether, dipropylene glycol monoalkyl ether and dibutylene glycol monoalkyl ether which are equal to or different from the above-mentioned alcohol to provide the objective fuel for illumination capable of producing vivid colored flame, having high boiling point, less apt to ignite and excellent in safety and reduced in odor.